Cheryl J. Hapke, Ph.D.

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PROFESSIONAL PROFILE: I am a coastal geologist with over 25 years of experience studying coastal evolution and coastal change processes in a variety of geomorphic settings including barrier islands, rocky, and reef-fringed coasts. My research focuses on morphodynamics of coastal systems on various time scales from storms to multiple decades. I have extensive experience overseeing and mentoring research support staff, graduate students, and interns. I have managed multi-million-dollar projects, overseeing staff, budgets, field studies, and publications. My research has been influential in moving the field of coastal evolution and hazards forward and has high societal relevance. My participation in the planning and writing of the Future of Nearshore Processes Research report led to the development of the new U.S. Coastal Research P

EDUCATION

2002 Ph.D., Coastal Geology, University of California, Santa Cruz, California
1992 M.S., Geology, University of Maryland, College Park, Maryland
1985 B.S., Geology, University of Pittsburgh, Pittsburgh, Pennsylvania

PROFESSIONAL EXPERIENCE

Research Professor, Coastal Geology 2021 - present
University of South Florida, College of Marine Science
Coordinator of the Florida Coastal Mapping Program (FCMaP) and co-PI on the NOAA-funded Center for Ocean Mapping and Innovative Technologies (COMIT). Broad duties include developing and leading new research programs and teams, including formulation of new research ideas. The Florida Coastal Mapping Program (FCMaP) is an ongoing initiative to coordinate and facilitate modern, high resolution mapping of)ORULGD¶V FRDVWDO ZDWHUV $V FRRUGLQDWRU , RYHUVHH WKH)ORULGD &RDVWDO 0DSSLQJ 3URJUDP)&0D3 ZKLFK LQFOXGHV 6WDWH)'(3)'(0 ')27)::5, DQG)LO DQG IHGHUDO 86*6 86$&(%2(0 12$$ DJHQFLHV LQFOXGLQJ UXQQLQJ ODUJH VWDNHKROGHU ZRUNVKRSV KROGLQJ PRQWKO\ VWHHULQJ FRPPLWWHH FDOOV DQG ZULWLQJ UHSRUWV DQG SHHU UHYLHZ MRXUQDO DUWLFOHV $V D &20,7 FR-PI, I develop and guide research and activities coastal change, including disaster response and recovery, and the influence of antecedent geology on modern coastal processes.

Courtesy Professor, Florida Coastal Mapping Program 2019- present
University of South Florida, College of Marine Science
Broad duties include developing and leading new research programs and teams, including formulation of new research ideas. The Florida Coastal Mapping Program (FCMaP) is a burgeoning effort to coordinate and IDFLOLWDWH PRGHUQ KLJK UHVROXWLRQ PDSSLQJ RI)ORULGD¶V FRDVWDO ZDWHUV that includes 5 State (FDEP, FDEM, FDOT, FWRI and FIO) and 4 federal (USGS, USACE, BOEM, NOAA) agencies, including running large stakeholder workshops, holding monthly steering committee calls, and writing reports and peer-review journal articles.

Senior Consultant, Integral Consulting, St Petersburg, FL 2019-present
/HDGHU LQ ,QWHJUDO¶V &RDVWDO 3URFHVVHV *URXS PRWLYDWLQJ IXWXUH JURZWK DQG ILUP GLUHFWLRQ 3URYLGH WHFKQLFDO OHDGHUVKLS RQ FRDVWDO KD]DUGV DQG YXOQHUDELOLW\ assessments for coastal communities and facilities, develop climate change adaptation plans. Projects to date include Beach and Dune Assessments in South Padre Island, TX; coastal inundation vulnerability assessments for Captiva Island FL, and working with a team of scientists and engineers to review, evaluate, and comment on a new proposed development project in California. I directed data analyses, site evaluation, and extensive report writing. I co-lead on the development of a new modelling-based decision

support framework to assist coastal communities with sea level rise adaptation planning.

Research Geologist, GS-15

modern, high resolution mapping of Florida's coastal waters. I lead

Center Director, GS-15

Island:

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El Niño winter along the California coast: *Shore and Beach*, v.66, n.3, p.24-32.